

Amendments to the Claims

Claims 1-12. (Cancelled)

Claim 13. (New) A rotor for a turbo engine comprising a rotor base body and a plurality of rotor blades distributed over the circumference of the rotor base body, wherein the rotor base body is formed by at least one ring-shaped element made of a metal matrix composite material, and the rotor blades are attached by footing to the rotor base body in such a way that the footing is positioned in a fiber-free area of the rotor base body.

Claim 14. (New) A rotor according to Claim 13, wherein the rotor base body is made of two ring-shaped elements each made of a metal matrix composite material (MMC material), the rotor blades being attached to the radially outer end between the two ring-shaped elements.

Claim 15. (New) A rotor according to Claim 14, wherein the rotor blades are each positioned with a platform between radially outer peripheral protrusions on the two ring-shaped elements, the axial ends of the platforms being in contact with the peripheral protrusions.

Claim 16. (New) A rotor according to Claim 14, wherein the two ring-shaped elements each have at least one fiber-reinforced area, the blade footing of the rotor blades being positioned between the fiber-reinforced areas of the two ring-shaped areas.

Claim 17. (New) A rotor according to Claim 14, wherein the footing of the rotor blades engages in a corresponding recess and/or indentation in the area of the ring-shaped elements.

Claim 18. (New) A rotor according to Claim 14, wherein the two ring-shaped elements are detachably joined together on radially inside sections.

Claim 19. (New) A rotor according to Claim 18, wherein the radially inside sections at which the two ring-shaped elements are joined together are designed to be fiber-free.

Claim 20. (New) A rotor according to Claim 18, wherein the two-ring shaped elements are joined together by screw connections on radially inside sections.

Claim 21. (New) A rotor according to Claim 13, wherein the rotor base body comprises a ring-shaped element made of a metal matrix composite material (MMC material), with axially outer sections of the ring-shaped element being fiber-reinforced with a section in between being designed to be fiber-free, and with the footing of the rotor blades being secured in the fiber-free section.

Claim 22. (New) A rotor according to Claim 21, wherein boreholes running in the radial direction are created in the fiber-free section of the ring-shaped element, each rotor blade being anchored in a borehole with footing.

Claim 23. (New) A rotor according to Claim 21, wherein each rotor can be inserted into a corresponding borehole from the inside end radially, beginning with an end of the rotor blade that is on the outside radially, inserting the rotor blade into the borehole until the footing comes to rest against a stop integrated into the borehole.

Claim 24. (New) A rotor according to Claim 22, wherein the rotor blades are secured in the boreholes by a retaining ring, whereby the retaining ring acts on the radially inside end of the boreholes and presses the rotor blades radially outward.